

**Notice of Allowability**

Application No.	Applicant(s)
09/469,913	PETERSSON ET AL.
Examiner	Art Unit
Inder P Mehra	2666

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS. This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1.  This communication is responsive to Amendment dated 9/9/04. *DR*
2.  The allowed claim(s) is/are 1-4-12, 15-18 and 21-23(Renumbered as 1-17 respectively).
3.  The drawings filed on 22 December 1999 are accepted by the Examiner.
4.  Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
a)  All    b)  Some\*    c)  None    of the:  
1.  Certified copies of the priority documents have been received.  
2.  Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.  
3.  Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

5.  A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
6.  CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.  
(a)  including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached  
    1)  hereto or 2)  to Paper No./Mail Date \_\_\_\_\_.  
(b)  including changes required by the attached Examiner's Amendment / Comment or in the Office action of  
    Paper No./Mail Date \_\_\_\_\_.  
Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7.  DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

1.  Notice of References Cited (PTO-892)
2.  Notice of Draftsperson's Patent Drawing Review (PTO-948)
3.  Information Disclosure Statements (PTO-1449 or PTO/SB/08),  
    Paper No./Mail Date \_\_\_\_\_
4.  Examiner's Comment Regarding Requirement for Deposit  
    of Biological Material
5.  Notice of Informal Patent Application (PTO-152)
6.  Interview Summary (PTO-413),  
    Paper No./Mail Date 2/18/05.
7.  Examiner's Amendment/Comment
8.  Examiner's Statement of Reasons for Allowance
9.  Other \_\_\_\_\_.

### **DETAILED ACTION**

1. This office action is in response to Amendment dated: 9/9/04. Based on this amendment claims 1, 12, and 18 have been amended. Claims 2, 13, 19, and 24-49 have been cancelled. Claims 1, 3-12, 14-18 and 20-23 are pending.

### **EXAMINER'S AMENDMENT**

2. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Roger S Burleigh , Attorney, Regd. No. 40, 542 on 2/15/05.

The application has been amended as follows:

a. Claim 1 has been replaced, as follows:

(Currently Amended) A method of providing multiple quality of service classes to subscribers in a network, the method comprising the steps of:  
determining a subscriber's quality of service information by using a database containing quality of service information for each subscriber that has subscribed to one of the multiple quality of service classes; [and ]

storing the subscriber's quality of service information in a visitor location register where the subscriber is currently registered: and

using the subscriber's quality of service information stored in the visitor location register during a call setup to determine a call transmission quality: for the subscriber.

wherein the [subscriber's quality of service information] call transmission quality corresponds to a default quality of service class when the subscriber is not listed in the database.

b. Claim 3 is cancelled.

c. Claim 12 has been replaced, as follows:

(Currently Amended) A method of providing multiple quality of service classes to subscribers in a network, the method comprising the steps of:

receiving an attach request at a visitor location register;

sending an update location request from the visitor location register to a database containing quality of service information for each subscriber that has subscribed to one of the multiple quality of service classes;

sending the update location request from the database to a home location register;

sending an update location result from the home location register to the database;

determining a subscriber's quality of service information using the database;

modifying the update location result to include the subscriber's quality of service information;

sending the modified update location result to the visitor location register; [and]

storing the subscriber's quality of service information in the visitor location register;

and

using the subscriber's quality of service information stored in the visitor location register during a call setup to determine a call transmission quality for the subscriber.

wherein the [subscriber's quality of service information] call transmission quality corresponds to a default quality of service class when the subscriber is not listed in the database.

d. Claim 14 has been cancelled.

e. Claim 18 has been replaced, as follows:

(Currently Amended) A method of providing multiple quality of service classes to subscribers in a network, the method comprising the steps of:

receiving an attach request at a visitor location register;

sending an update location request from the visitor location register to a database containing quality of service information for each subscriber that has subscribed to one of the multiple quality of service classes;

determining a subscriber's quality of service information using the database;

sending a first message from the database to the visitor location register, wherein the first message contains the subscriber's quality of service information;

storing the subscriber's quality of service information in the visitor location register;

sending a second message from the visitor location register to the database, wherein the second message acknowledges receipt of the first message;

sending the update location request from the database to a home location register;

[and]

sending the update location result to the visitor location register; and

using the subscriber's quality of service information stored in the visitor location  
register during a call setup to determine a call transmission quality for the subscriber,  
wherein the [subscriber's quality of service information] call transmission quality  
corresponds to a default quality of service class when the subscriber is not listed in the  
database.

- f. Claim 20 has been cancelled.

***Allowable Subject Matter***

1. Claims 1, 4-12, 15-18 and 21-23 are allowed.

**REASONS FOR ALLOWANCE**

2. The following is an examiner's statement of reasons for allowance:

The prior art does not disclose, teach or suggest directly or implicitly the following limitations in combination with other limitations of the claims:

As recited by claims 1, 12 and 18,

"using the subscriber's quality of service information stored in the visitor location  
register during a call setup to determine a call transmission quality for the subscriber,  
wherein the [subscriber's quality of service information] call transmission quality  
corresponds to a default quality of service class when the subscriber is not listed in the  
database".

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue

fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

***Conclusion***

3. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Inder P Mehra whose telephone number is 571-272-3170. The examiner can normally be reached on Monday through Friday from 8AM to 5PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Seema Rao can be reached on 571-272-3174. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Inder Pal Mehra  
Inder P Mehra      2/18/05  
Examiner  
Art Unit 2666

